

ABSTRACT

INFORMATION SEQUENCE EXTRACTION AND BUILDING APPARATUS E.G. FOR PRODUCING PERSONALISED MUSIC TITLE SEQUENCES

The invention serves to store at least one sequence of information (2) formed of a succession of information items, such as music titles, in which an artistic or rational link is considered to exist between at least some pairs of adjacent items in the succession. The apparatus comprises an input (11) for receiving the sequence of information (2), and a storage unit (32) for storing it.

Segmentation means (6) are provided for segmenting the sequence of information (2) into individually accessible segments (seg.1-seg.n) each corresponding to a respective information item, in response to segmentation data (4) indicating end limits of the information items. The storage unit (32) is accessible to output the segments in a sequence corresponding to the succession of information items.

The apparatus can associate a type to each stored information item (e.g. indicating a musical category). A similarity analyser (44) can be provided to determine closeness relations between information items.

A generator (48) can produce e.g. a music programme on the basis of these relations and to user feedback (40, 42) to produce personalised sequences of information items.

Figure 5.

